






















More information on the website
radwag.com/en/info,w1,SBS

PS 3000.X2 Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Peak hold
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Mass for titrator
-  Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	3000 g
Minimum load	0,02 g
Readability [d]	0,001 g
Tare range	-3000 g

Metrological parameters	
Minimum weight (USP)	1 g
Minimum weight (U=1%,k=2)	0,1 g
Repeatability (Max)	0,0015 g
Repeatability (5% Max)	0,0005 g
Linearity	±0,004 g
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Leveling system	manual
Display	5" graphic color touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot x1, foot x3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,9 kg
Gross weight	5,5 kg
Protection class	IP 43
Features of use	
Database capacity	7
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

Repeatability is expressed as a standard deviation from 10 weighing cycles. Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile. 1 Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



Accessories

Balance Storage Case	Displays
Barcode scanners	Draft Shield
Cigarette lighter receptacle power supply cables	Protective cover for balances
USB cable (scale - printer)	RS 232, RS 485 cables
Receipt Printer	Under-Pan Weighing Rack
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	RS 232 cables (scale - printer)
Antivibration Tables	

Software

RAD-KEY
Alibi Reader
RADWAG Development Studio
R.Barcode

LabVIEW Driver
R-LAB
E2R System

Device dimensions

